



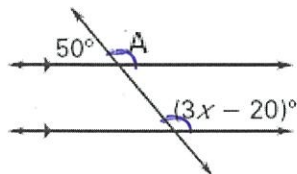
Name: _____
Mr. Tiénou-Gustafson & Mr. Bielmeier
Geometry, Period _____
Due Date: 1/13/14

HW 84 Finals Review

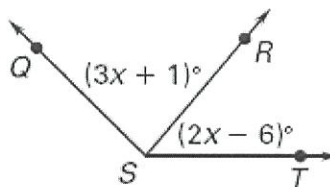
**Geometry
Homework**

Form A

1. a) What is the relationship between 50° and $\angle A$?
b) What is the relationship between $(3x-20)^\circ$ and $\angle A$?
c) Solve for x and $m\angle A$



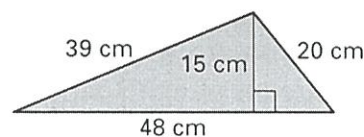
2. Given $m\angle QST = 135^\circ$, find $m\angle QSR$.



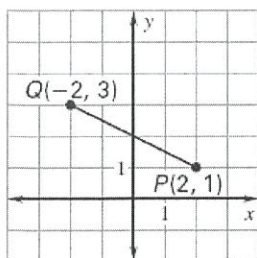
$$\angle QSR + \angle RST = \angle QST$$

3. The circumference of the King Arthur's round table is 60π ft. What is area of the round table?

4. Find the area and perimeter of the triangle below



5. Find the midpoint of the segment QP.



$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

6. Mr. B is painting his bedroom walls green and gold. How many square feet will he paint if his bedroom is 20 feet by 12 feet?

Draw it first!

<p>7. What are the roots of $3x^2 + 14x + 8$?</p>	<p>8. What is the equation of the line that passes through (3,4) and is perpendicular to $3x - y = 8$?</p> <p>$y = 3x - 8$</p>
<p>9. The midpoint of XZ is M(1, 2). One endpoint is X(0, -2). Find the coordinates of endpoint Z.</p>	<p>10. What values satisfy the absolute value?</p> <p>$2x - 4 = 6$</p> <p>Set up two equations</p> <p>① $2x - 4 = 6$</p> <p>②</p>
<p>11. Finish your notecard for the final and write down any questions you have below. Mr. B has office hours in U-07 tomorrow morning that you can come ask him questions, and Mr. TG and Mr. B both have study groups after 3rd period (Mr. TG is in U-07 and Mr. B is in 704). Study and use your time wisely!</p>	